



47148887

Edition 1

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Air Grinders

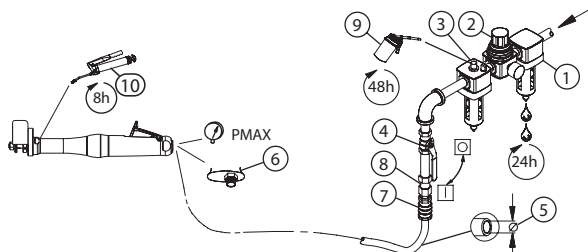
Models DG15W-A and DG18W-A

Product Information



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 **Ingersoll Rand**



(Dwg. 47151048)

①②③		⑤	⑥	⑦	⑨	⑩	
IR # - NPT	IR # - BS	inch (mm)	NPT	IR #	IR #	IR #	cm ³
C38331-800	C383C1-810	3/8 (10)	3/8	MSCF33	10	67	2

Product Safety Information

Intended Use:

These Air Grinders are designed for material removal or cutting off using a rotated abrasive wheel, in accordance with the product specification table.



Do not attempt to disassemble the internal Speed Controller. It is available only as a unit.

For additional information refer to Air Grinder Product Safety Information Manual Form 47146667.

Manuals can be downloaded from www.ingersollrandproducts.com

Product Specifications

Model	Free Speed	Arbor Size	Wheel Type (Reinforced)	Maximum Wheel Thickness	Wheel Diameter
	rpm			in. (mm)	in. (mm)
DG15W-A	15000	3/8"-24	Type 1	1/2 (12.7)	3 (76)
DG18W-A	18000	3/8"-24	Type 1	1/2 (12.7)	3 (76)

Model	Guard Part Number	Sound Level dB(A) (ISO15744)		Vibration (m/s ²) (ISO28927)	
		† Pressure (L _p)	‡ Power (L _w)	Level	*K
DG15W-A	LE2-931	77.7	88.7	2.6	0.9
DG18W-A	LE2-931	80.9	91.9	3.9	1.3

† K_{PA} = 3dB measurement uncertainty

* K = Vibration measurement uncertainty

‡ K_{WA} = 3dB measurement uncertainty



**** A cut-off wheel shall not be used for side grinding.**

Installation and Lubrication

Size air supply line to ensure tool's maximum operating pressure (P_{MAX}) at tool inlet. Drain condensate from valve(s) at low point(s) of piping, air filter and compressor tank daily. Install a properly sized Safety Air Fuse upstream of hose and use an anti-whip device across any hose coupling without internal shut-off, to prevent hose whipping if a hose fails or coupling disconnects. See drawing 47151048 and table on page 2. Maintenance frequency is shown in a circular arrow and defined as h=hours, d=days, and m=months of actual use. Items identified as:

- | | | |
|-----------------------------|--------------------|------------|
| 1. Air filter | 5. Hose diameter | 9. Oil |
| 2. Regulator | 6. Thread size | 10. Grease |
| 3. Lubricator | 7. Coupling | |
| 4. Emergency shut-off valve | 8. Safety Air Fuse | |

Parts and Maintenance

When the life of the tool has expired, it is recommended that the tool be disassembled, degreased and parts be separated by material so that they can be recycled.

Tool repair and maintenance should only be carried out by an authorized Service Center.

Refer all communications to the nearest **Ingersoll Rand** Office or Distributor.

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